

ABSTRACT OF THE DISCLOSURE

The present technique relates to the distribution of power and data signals throughout a networked system. For example, three-phase power may be conducted to a device over a set of conductors. One of the conductors, however, may be configured to
5 conduct, in conjunction with a neutral conductor, both one phase of three-phase power as well as data signals in accordance with a predetermined data communications protocol. As an alternate example, the present technique may comprise a set of a first power conductors configured to conduct three-phase power and a secondary power conductor which works in conjunction with an auxiliary conductor to conduct power and data signals. Additionally,
10 the present technique provides for the maintenance data communications and a level of power upon the interruption of three-phase power to a particular component or device.